

## Operating Instructions LED Streetlights

(Please, read carefully before starting operation)

Version: 31.05.2016

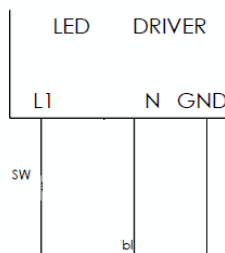
### Model 1000316 "Modern Art II"

#### Technical Specifications:

Rated voltage	195-265 V / 50 Hz
Rated amperage	0.25 A
Type of protection	Class I or II acc. to VDE 0140 (DIN EN 61140)
Degree of enclosure protection	IP 65
System performance	55 Watt
Ambient temperature	From - 40 °C to + 30 °C for > 50,000 hrs
Recommended mounting height	3.5 – 6.0 m
Maximum mounting height	6.0 m
Dimensions	Ø 558 x 600 mm
Spigot	60 mm
Weight	9.5 kg
Wind-exposed area	0.15 m <sup>2</sup>

#### Installation and connection:

Due to the pre-assembled cable opening of the luminaire is **not** necessary.



The connecting cable has to be connected according to the circuit diagram.

#### Starting operation:

Installation has to be carried out by suitably qualified staff only. For damages resulting from improper handling we do not assume any liability.

- Determine voltage free status and secure against re-energizing
- Connect the supply cable and perform function test.

#### Technical notice:

For supply connection a mains terminal has to be used.

Number of clamping points: 3

Rated voltage: 230 V AC

Rated amperage: 0.25 A

#### Transport and storage:

Store the luminaires in a dry, dust-free environment. In the event of improper storage any warranty claims will not be accepted.

The LED light sources must not be exchanged by the user – only by the manufacturer. If exchange of the LED modules should become necessary the luminaire has to be returned to the manufacturer (BöSha).

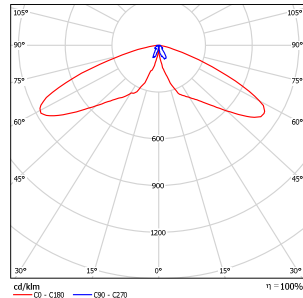
## LED Modern Art II

This luminaire is applied everywhere where features shall be accentuated. With its modern, but also timeless design this luminaire fits into existing urban structures.

Equipped with proven single-chip technology with **nominal 90 lm/W** at 6,000 K these luminaires provide pleasant light in many fields of application.

### Typical Application Areas: (Lighting Classes)

ME2	<input type="checkbox"/>	S2	<input type="checkbox"/>
ME3	<input type="checkbox"/>	S3	<input type="checkbox"/>
ME4	<input type="checkbox"/>	S4	<input checked="" type="checkbox"/>
ME5	<input type="checkbox"/>	S5	<input checked="" type="checkbox"/>
ME6	<input type="checkbox"/>	S6	<input checked="" type="checkbox"/>



- Enclosure: cast aluminium powder coated (black RAL 9017)
- Illuminant cover: single-pane safety glass
- Recommended pole height: 3.5 m – 6.0 m
- Single-chip-LED
- Light distribution: symmetrical
- Colour temperature: 6,000 K
- Life time LED: 50,000 h – L70, B10
- Degree of protection IP 65

### Model description and performance variants

Model	Description	Performance	Weight Luminaire head	Wind load	Effective lumen output (at 6,000 K)
1000316	Modern Art II	55W	9.5 kg	0.15 m <sup>2</sup>	3,161

Subject to technical modifications